

determining, by the computer processor, an occlusion score for the landmark feature on the at least one landmark map, wherein the occlusion score is assessed from the occlusion values for the regions on the occlusion map that correspond to a location of the landmark feature on the at least one landmark map determined from the plurality of landmark values for the regions on the at least one landmark map; and

controlling an operation of the device based on the determined occlusion score for the landmark feature.

2. The method of claim 1, wherein the at least one landmark map includes multiple landmark maps.

3. The method of claim 2, wherein each of the multiple landmark maps corresponds to a different landmark feature of the face of the user.

4. The method of claim 1, wherein each landmark value corresponds to a respective region on the at least one landmark map.

5. The method of claim 1, wherein each occlusion value corresponds to a respective region on the occlusion map.

6. The method of claim 1, wherein the captured image includes an image captured while illuminating the user with an illuminator located on the device.

7. The method of claim 1, further comprising determining the location of the landmark feature of the face on the at least one landmark map based on the likelihoods represented by the landmark values for the regions.

8. The method of claim 1, wherein the at least one landmark feature comprises an eye of the user.

9. The method of claim 1, wherein the at least one landmark feature comprises a nose of the user.

10. The method of claim 1, wherein the at least one landmark feature comprises a mouth of the user.

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